

Amendments to the Abstract:

Please substitute the following version of the Abstract, with changes shown by strikethrough (for deletions) or underlining (for added matter).

ABSTRACT OF THE DISCLOSURE

A gas permeable probe for use in an optical analyzer for an exhaust gas stream flowing through a duct or chimney ~~comprises~~ has:

- an elongate hollow structure having first and second ends and a side wall, with an optical cavity defined between ~~said~~ the first and second ends within ~~said~~ the side wall,
- a mounting structure at ~~said~~ the first end and adapted for mounting ~~said~~ the elongate hollow structure within ~~said~~ the duct or chimney,
- a support member at ~~said~~ the second end,
- a connecting structure connecting ~~said~~ the mounting structure at ~~said~~ the first end to ~~said~~ the support member at ~~said~~ the second end,
- an optical window at ~~said~~ the first end permitting a beam of light originating from an optical analyzer to enter into ~~said~~ the optical cavity to travel from ~~said~~ the first end to ~~said~~ the second end,
- a filter forming a part of ~~said~~ the side wall, and
- a retroreflector provided at ~~said~~ the second end for returning ~~said~~ the light beam to ~~said~~ the first end of ~~said~~ the hollow structure,
- ~~said~~ the optical window being releasably mounted at ~~said~~ the first end of ~~said~~ the elongate hollow structure and/or ~~said~~ the retroreflector being releasably mounted at ~~said~~ the second end of ~~said~~ the elongate hollow structure.